

Front-end Frameworks

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Marking Criteria

Assessment Criteria	Learning Outcomes	Completed
Using React correctly <ul style="list-style-type: none">The submission has well-structured and formatted code.Best practices are following, such as having a component in its own folder.There are no errors in the console.The App runs without any errors, and there are no errors in the console	<ul style="list-style-type: none">has knowledge of industry-relevant JavaScript frameworks, has knowledge of the difference between a library, framework and runtime script engine.has knowledge of principles for software architecture and design patterns that frameworks are built on, such as MVC, Event driven architecture etc.is familiar with the possible risks by using less-known JavaScript frameworks.has insight into their own opportunities for work related the JavaScript framework.	<input type="checkbox"/>

Using libraries and common design patterns

- The app uses React Router.
- The app uses a Layout component.
- The data is from the specified API.
- Dynamic segments are used for the Product page

- can explain their choice of JavaScript framework
- can explain the functionality of the JavaScript framework and the architecture behind the different frameworks, and the reasons for using these frameworks
- can reflect his/her own choices and use for JavaScript frameworks in the development of digital solutions and adjust it under supervision or in relation to overall development
- can find and refer to technical information about the JavaScript framework and assess its relevance for each specific project



All features delivered

- The submission features a home page that contains a list of products and a lookahead search bar.
- The submission features an individual product page that fetches an individual item from the API.
- The submission features a cart icon that displays the number of items in the cart.
- The submission features a checkout page.
- The submission features a checkout success page.
- The submission features a contact page with the correct validation.
- The submission contains a shopping cart that can have products added to it.

- can plan and carry out digital solutions developed with JavaScript frameworks
- can plan and carry out work with JavaScript frameworks and develop solutions based on specifications
- can exchange points of view with his/her peers and participate in discussions about the use of JavaScript frameworks in the development of digital solutions



